



L. Wayne Brasure | Director

Defense Programs National Security Directorate

Dr. L. Wayne Brasure is the Director of Defense Programs in the National Security Directorate at Pacific Northwest National Laboratory (PNNL) where he is responsible for outreach to the Defense community, including the Office of the Secretary of Defense, Combatant Commands, Military Services, and Defense Agencies to deliver tailored R&D and operational capabilities to meet critical needs of the Department of Defense.

Prior to joining PNNL, Wayne was a member of the Senior Executive Service (SES), serving in senior leadership positions at the Department of Homeland Security's Domestic Nuclear Detection Office (DNDO), whose sole mission focus is the prevention of nuclear terrorism. From June 2014 through July 2017, he served as the Deputy Director and Acting Director. Wayne also served as the Director under appointment by President Obama from October 2016 through January 2017. His responsibilities at DNDO also included leading the acquisition portfolio as the Component Acquisition Executive.

Wayne's previous SES assignments include service as the Director of the Air Force Office of Scientific Research (AFOSR) where he managed the entire basic research investment portfolio for the Air Force, leading a staff of 200 scientists, engineers, and administrators in the United States and foreign technology offices in London, Tokyo, and Santiago. Prior to AFOSR, he served as the Executive Director of the Air Force Nuclear Weapons Center at Kirtland Air Force Base, New Mexico. As the Center's senior executive, he was responsible for program oversight and integration of the multi-billion dollar sustainment and recapitalization of Air Force nuclear weapon systems. Before joining the SES, Wayne was a senior manager in the Department of Energy's National Nuclear Security Administration, leading the life extension activities of the U.S. nuclear weapons stockpile.

Other notable highlights include Wayne's strategic defense initiative and nuclear weapons work, which led him to assignments in weapons engineering at Los Alamos National Laboratory, NM, and in weapons design at Lawrence Livermore National Laboratory, CA. He has also served on the faculty in the Physics Department at the U.S. Air Force Academy and as an Adjunct Professor of Nuclear Engineering at the University of New Mexico.

Wayne received a Bachelor of Science degree in physics and astronomy from the University of Michigan, Master of Science degrees in systems management from the University of Southern California and in nuclear engineering from the Air Force Institute of Technology, and a Ph.D. in nuclear engineering from the University of New Mexico.

